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ABSTRACT

There is evidence that structured cooperative logic is an effective way to introduce or reinforce mathematics concepts, explore thinking processes basic to both math and science, and develop the important social skills of cooperative problem-solving. This book contains a number of cooperative logic activities for grades K-4 in order to improve skills such as cooperation, problem solving, using the process of elimination, reasoning, communicating, visual discrimination, sequencing, spatial visualization, recognizing shapes, rearranging, and manipulating shapes. Mathematical concepts covered include geometry, number sense, patterns, discrete mathematics, statistics and probability, function, and algebra. (ASK)

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